

PRODUCT NAME

Aurora AGP 8MB

MODEL NUMBER

VD1743

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTICE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio or TV technician for help

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

THE PARTY RESPONSIBLE FOR**PRODUCT COMPLIANCE**

SIIG, Inc.

6078 Stewart Ave.

Fremont, CA 94538-3152

Aurora AGP 8MB is a trademark of SIIG, Inc.
SIIG and the SIIG logo are registered trademarks of SIIG, Inc. Microsoft, Windows, and Windows NT are registered trademarks of Microsoft Corporation. Pentium is a registered trademark of Intel Corporation. Other names used in this publication are for identification purposes only and may be trademarks of their respective companies.



Aurora AGP 8MB

Quick Installation Guide

This quick installation guide provides instructions for installing your *Aurora AGP 8MB* in your computer.

Introducing the *Aurora AGP 8MB*

Thank you for your purchase of the *Aurora AGP 8MB* video card. Featuring 64-bit 3D/2D graphics/video accelerator and 8MB fast graphic memory, the *Aurora AGP 8MB* enhances graphics and video performance through crisper images, realistic 3D effects and more vibrant colors.

Features and Benefits

- Full support for 133 MHz AGP 2X bus mastering
- High-performance 64-bit graphics engine
- On-board high-speed 8MB memory
- Integrated 175 MHz RAMDAC
- High performance 3D engine
 - Built-in 32-bit floating point format, turbo quene architecture, and texture cache
 - Supports polypon rate up to 2MB polygons/sec @ 25 pixels/polygon and fill rate up to 45M pixels/sec
- Advanced 3D features
 - Solid, flat, and gourand shading
 - Fogging, alpha blending, and primitive transparency
 - Point-sample, bi-linear, and tri-linear texture filtering
 - Texture transparency, blending, wrapping, mirror, and clamping
 - Z-buffering, mip-mapping, and alpha buffering
 - High-quality dithering
- Supports 2M/4M bytes frame buffer with linear addressing
- Built-in Direct Draw accelerator
- Built-in 64x64x2 bit-mapped hardware cursor
- Supports refresh rates up to 85Hz at 1280x1024 pixels
- Includes software MPEG support

System Requirements

- Pentium II computer with an AGP slot
- Windows 95 or later

Resolution and Color Depth

The Aurora AGP 8MB comes with 8MB memory installed on-board. The chart below describes the colors and resolutions it supports:

Resolution	Color
640x480	16.7M
800x600	16.7M
1024x768	16.7M
1280x1024	16.7M
1600x1200	64K (NT only)

Board Layout

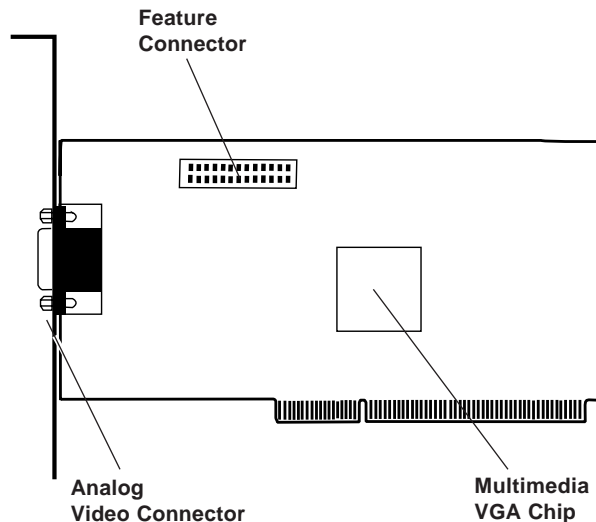


Figure 1: Aurora AGP 8MB Card Layout

Technical Support & RMA

Questions? SIIG's **Online Support** has the answers! Simply visit our web site at www.siig.com and click on the **ONLINE SUPPORT** icon for instant technical support. You may also e-mail us onlineat:

http://www.siig.com/technical_support_form.html

If you need additional help, Tech Support Specialists are available from 8:00 a.m. to 5:00 p.m. Mon. – Fri., PST at **(510) 353-7542**.

In order for SIIG's Technical Support to give you prompt service, you will need the following information.

Part Number: _____

Computer Configuration: _____

Return Merchandise Authorization (RMA)

SIIG warrants to the original buyer of the product that the hardware is free of defects in materials and workmanship for a period of five years from the date of purchase. If your product fails to be in good working order during the warranty period, you may return it to SIIG for repair or replacement at SIIG's option. To return a product:

Step 1: Call SIIG's RMA Department

Call the RMA Department at **(510) 413-5333** for a Return Merchandise Authorization (RMA) number. **To get a RMA number, you must have your product serial number. The serial number is located on the side of the box it came in and on the back of the product.**

Step 2: Complete the RMA form

- Fill out the RMA form and include it with the product.
- Properly pack the product for shipping. All software, cable(s) and accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package and on the accompanying RMA form. **SIIG will refuse any shipping package, and not be responsible for a product returned without a RMA number posted on the outside of the shipping carton.**

Step 3: Ship the product

You are responsible for the shipping cost to SIIG at the following address:

SIIG, Inc. RMA# _____
6078 Stewart Ave.
Fremont, CA 94538

SIIG will ship the repaired or replaced product via UPS Ground or US Mail at no cost to you.

Photo CD

Photo CD allows you to view pictures in slide show, zoom in/out, or save as Windows desktop wall paper. The two most common way to access Photo CD program is as follow:

Option 1:

Insert a CD with image files in bitmap (BMP) or jpeg (JPG) format. CDWizard will automatically detect the CD type and activate the Photo CD.

Option 2:

While playing video CD, you can capture a frame by clicking the **Capture Video Frame** button from the Video Player. You can save as much frame as there is hard drive space. The captured files are saved under C:\Program Files\Cyberlink. To view the files you have captured, click on the **Open Photo CD** button. From there you can save the file as bitmap or wall paper or even view in slide show.



Figure 7: Photo CD Player

Hardware Installation

Proceed with the following instructions to install your *Aurora AGP 8MB* in your computer. General instructions are given since the design of computer cases varies. Refer to your computer's reference manual whenever in doubt.

Note Leave the *Aurora AGP 8MB* in its static-resistant bag until you are ready to install it.

Caution Static Electricity Discharge may permanently damage your system. In order to avoid possible static electricity discharge during installation procedures, please follow the guidelines below:

- Discharge any static electricity build up in your body by touching a large grounded metal surface or the computer's case (if plugged in), for a few seconds.
- During installation procedures, avoid any contact with internal parts. Handle cards only by their edges.

1. Turn OFF the power to your computer and any other connected peripheral devices.
2. Unplug the power cord from the back of the computer.
3. Remove your computer's cover by removing its mounting screws and sliding off the cover.
4. Remove any existing video graphics adapters that may be in the system. *Disable* the motherboard's built-in video, if there is one.
5. Remove the slot bracket by unscrewing the holding screw and sliding it out. Save this screw for securing the *Aurora AGP 8MB* after it's installed. (See Figure 2.)

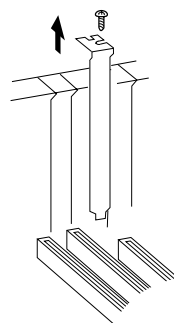


Figure 2: Removing the Slot Bracket

6. To install the *Aurora AGP 8MB*, carefully align the card's bus connector to the AGP slot on the motherboard. Push the card down firmly, but gently, until it is well seated.

Note Hold the card by its external edges only. Try to avoid touching the components, connectors or pins.

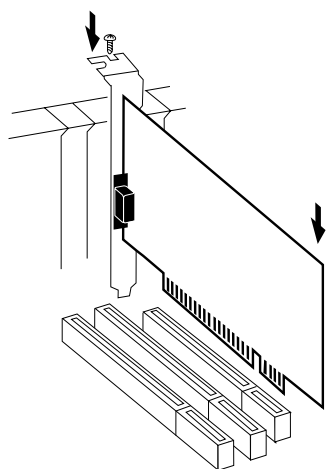


Figure 3: Installing the Aurora AGP 8MB

7. Replace the slot bracket's holding screw to secure the board to the rear slot panel.
 8. Replace the computer cover.
- The hardware installation have now been complete.

CD Wizard

CDWizard is a multimedia application that can playback different multimedia CDs. With just a single user friendly interface, you can playback different CD format such as video, audio, photo, and data. When you insert a CD into the CD-ROM, a screen will prompt for your response. Click **Play** to activate the CD player. Click **Open** to explore or **Cancel** to return to the desktop.

Video Player— supports all kind of video and audio format including movies, karaoke, cartoons, and edutainment titles.

Audio Player— playback audio CD at 44.1kHz stereo music.

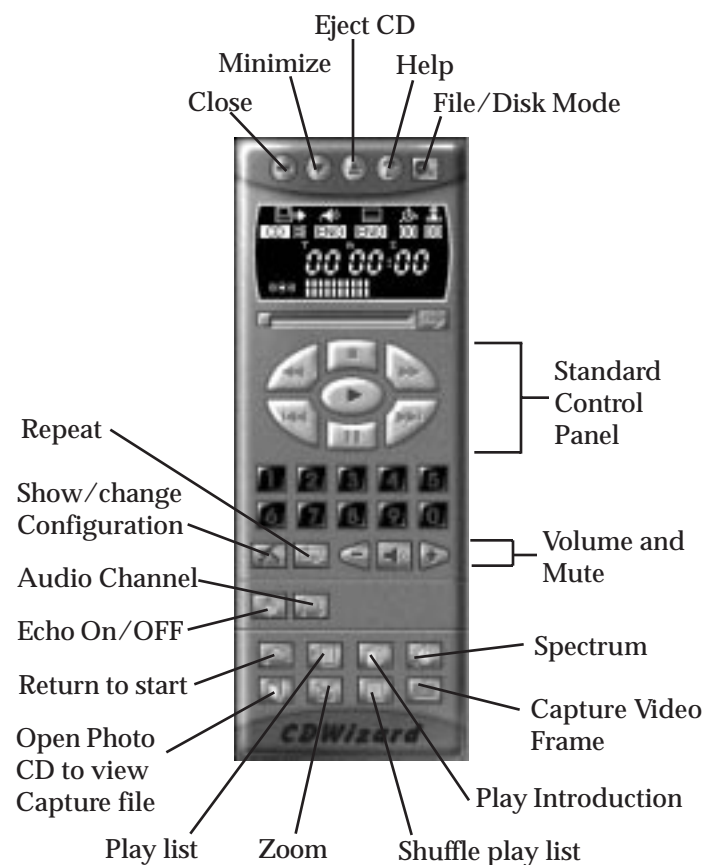








Figure 6: Video and Audio Player

The **Display Control Panel** has many options and will vary depending on monitor resolution capabilities. A list of features and a brief description is available for you.



Figure 5: Display Control Panel

	Desktop	Change resolution, color depth, refresh rate, and font.
	Monitor	Detect or select monitor type and monitor centering, and refresh rate detection. (Not available in NT.)
	Favorites	Define favorite screen resolution which you can select from.
	Gamma	Desktop color, brightness, and contrast adjustment (Not available in Windows 95 and NT.)
	MultiMedia	Multimedia programs for video and audio playback.
	Info	View desktop, driver, chipset information.

Software Installation

This section will guide you through the installation of the following software drivers:

- Windows 95/98
- Windows NT 4.0
- CDWizard (for Windows 95/98 only)

Windows 95/98 Driver Installation

Follow the procedures listed below to install the Windows 95/98 display drivers and related files:

1. When Windows first restarts after installing the card, Plug-and-Play will inform you that it has detected a new video adapter.
For Windows 95, click **Next** to install *Standard PCI Graphic Adapter (VGA)*. Click **Finish** and **Yes** to restart the system.
For Windows 98, click **Next** and follow on-screen instructions to install *Standard PCI Graphic Adapter (VGA)*. Click **Finish** and **Yes** to restart the system.
2. Insert the *Drivers and Utilities* CD disc into the CD-ROM drive.
3. From the Windows main *desktop*, click on **Start** and then **Run** from the *taskbar*.
4. Type the driver path name: **d:\Sis6326\setup** and click **OK**. (Assuming **d:** is the drive letter of your CD-ROM.)
5. Select **YES** to install *Display Control Utility*. Click **OK** to accept the default path where the files will copy into your hard drive. Click **OK** again to finish file copy.
6. Select **YES** to setup *Win95 Device Driver Installation*. Select **SiS6326 (SIS)(9-16-1998)** and click **OK**.
7. Select **YES** to install *SiS Multi-Media Package*.
8. Restart the system for the new configuration to take effect.

Windows NT4.0 Driver Installation

Follow the procedures listed below to install the Windows NT display drivers and related files:

1. Insert the *Drivers and Utilities* CD disc into the CD-ROM drive.
2. Click on **Start** and then **Run** from the *taskbar*.
3. Type the driver path name: **d:\Sis6326\NT40\setup** and click “**OK**”. (Assuming **d** is the drive letter of your CD-ROM.)
4. Click on **Install**.
5. Click on **OK**.
6. Select “**YES**” to restart the system.

CDWizard

CDWizard allows you to play audio and video CD with an all-in-one program. Follow the procedures listed below to install the CDWizard.


1. Insert the *Drivers and Utilities* CD disc into the CD-ROM drive.
2. Click on **Start** and then **Run** from the *taskbar*.
3. Type the driver path name: **d:\CDWizard\setup** and click “**OK**”. (Assuming **d** is the drive letter of your CD-ROM.)
4. Click **Next** and then **Yes**
5. Type in the serial number **MW784283D3981338** and click **Next**.
6. Click **Next** to start file copy.
7. Click **Finish** to complete the installation.

Software Utility

This section will guide you through the basic features of the following utilities:

- Display Control Panel
- CDWizard
- Photo Player

Display Control Panel

The *Aurora AGP 8MB* includes a utility to configure the monitor resolution that is suitable for you. To change the options of the monitor resolution, click on the red  icon located in the system tray on the bottom right hand corner. Figure 4 will appear on the screen. Select one of the pre-defined resolution (chooses will varies depending on monitor capabilities) from the list or click on the **Display Control Panel** for more advance options.

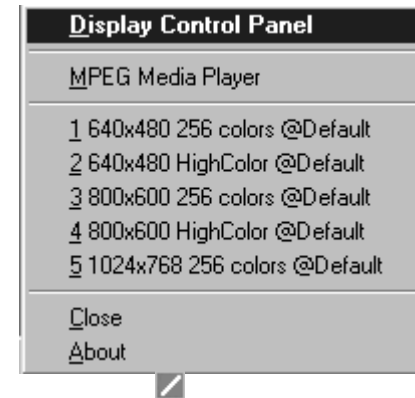


Figure 4: Pop-up Menu